

Application#	Patent#	Status	Date Filed	Title	Inventor Name
07412814	4985645	250	09/26/1989	Bicmos Logic Circuit Having A Rapid Output Voltage Falling-Down Property	Tsutsui, Hiroaki
07604301	5157632	250	10/29/1990	High-Speed Low-Power Consumption Sense Amplifier Circuit Incorporated In Semiconductor Memory Device	Tsutsui, Hiroaki
08109179	5918200	150	08/19/1993	State Estimating Apparatus	Tsutsui, Hiroaki
08347154	5504352	150	11/22/1994	Semiconductor Mesfet Device With Edge Portion	Tsutsui, Hiroaki
08591977	5698997	150	01/29/1996	Semiconductor Device Having A Plated Heated Sink	Tsutsui, Hiroaki
08646967	5922623	150	05/08/1996	Hydrogen Fluoride Vapor Phase Selective Etching Method For Fabricating Semiconductor Devices	Tsutsui, Hiroaki
08756804	Not Issued	161	11/26/1996	Method Of Manufacturing Semiconductor Device Which Allows Prevention Of Warp And Deformation Of The Same	Tsutsui, Hiroaki
08806727	5726494	150	02/27/1997	Semiconductor Device Having A Plated Heat Sink	Tsutsui, Hiroaki
08824020	5925901	150	03/21/1997	Field Effect Transistor With Plated Heat Sink On A Fet Chip	Tsutsui, Hiroaki
08899060	5821154	150	07/23/1997	Semiconductor Device	Tsutsui, Hiroaki
09193836	6239623	150	11/18/1998	Direct Coupling Field Effect Transistor Logic (Dcfl) Circuit	Tsutsui, Hiroaki
09355119	6510245	150	07/19/1999	Method Of Generating Classification Model And Recording Medium	Tsutsui, Hiroaki
09799525	6785035	150	03/07/2001	Optical Element, Optical Element Composition And Method For Controlling Stimuli-Responsive Polymer Gel	Tsutsui, Hiroaki
10095481	Not Issued	161	03/13/2002	Polymer Gel Composition And Optical Element Using The Same	Tsutsui, Hiroaki
10264604	6793806	150	10/03/2002	Water Distribution Amount Predicting System	Tsutsui, Hiroaki
10332224	Not Issued	71	01/03/2003	Soft Sensor Device And Device For Evaluating The Same	Tsutsui, Hiroaki
10399295	Not Issued	41	08/12/2003	Sewage Inflow Amount Predicting Device And Method, And Server Device	Tsutsui, Hiroaki
10413400	6840683	150	04/15/2003	Connection Structure Of Light Transfer Medium And Method Of Manufacturing The Same	Tsutsui, Hiroaki
10561781	Not Issued	20	12/19/2005	Device And Method For Estimating Occurrence Distribution Of Unascertained Water And Recording Medium	Tsutsui, Hiroaki
10658758	Not Issued	161	09/10/2003	Polymer Gel Composition And Optical Element Using The Same	Tsutsui, Hiroaki
10805341	Not Issued	71	03/22/2004	Polymer Gel Composition And Optical Device Using The Same	Tsutsui, Hiroaki
10866836	Not Issued	25	06/15/2004	Light-Controlling Element And Method For Manufacturing The Same	Tsutsui, Hiroaki
11127422	Not Issued	41	05/12/2005	Optical Materials And Optical Elements Using The Same	Tsutsui, Hiroaki
11280125	Not Issued	25	11/16/2005	Optical Composition For Multi-Color Display And Manufacturing Method Thereof, And Optical Element And Displaying Method Thereof	Tsutsui, Hiroaki
07310975	4956732	150	02/17/1989	Device For Continuously Driving A Tape Reel Support As A Tape Is Unloaded	Moriyama, Masahiro
07400221	5025332	150	08/29/1989	Recording-Reproduction System Having Movable Reel Chassis	Moriyama, Masahiro
07677542	5251195	250	03/29/1991	Disc Player With Simplified Lifting And Lowering Mechanism	Moriyama, Masahiro
08681534	5726827	150	07/23/1996	Tape Guide Drive Mechanism For Magnetic Recording-Reproduction Device In Which The Tapes Are Driven By A Slide Member Driven Directly By Cam	Moriyama, Masahiro
08751479	5757577	250	11/18/1996	Magnetic Recording-Playback Apparatus For Cassettes Of Two Different Sizes	Moriyama, Masahiro
09722724	6414052	150	11/28/2000	Polymeric Particles And Production Method Thereof	Moriyama, Masahiro
09740859	6352685	250	12/22/2000	External Preparation For Skin	Moriyama, Masahiro
09805938	6704270	150	03/15/2001	Disk Recording Or Playback Device Having Mechanism For Adjusting Tilt Of Pickup	Moriyama, Masahiro
10271570	6944872	150	10/17/2002	Disk Recording Or Playback Device And Process For Assembling The Device In Which A Holding Mechanism Pivotaly Supports The Frame During An Oblique Insertion Operation	Moriyama, Masahiro
10489858	7076789	150	03/23/2004	Disk Recording Or Playback Device Having A Retractable Tray With A Positioning Mechanism For Preventing A Slider From Inadvertently Moving Laterally	Moriyama, Masahiro
10586630	Not Issued	17	07/19/2006	Cosmetic	Moriyama, Masahiro
10623539	Not Issued	161	07/22/2003	Polymer Gel Composition, And Optical Device, Resin Composition And Optical Film Using The Polymer Gel Composition	Moriyama, Masahiro
10752698	6850356	150	01/08/2004	Optical Element And Method For Producing The Optical Element	Moriyama, Masahiro
10805341	Not Issued	71	03/22/2004	Polymer Gel Composition And Optical Device Using The Same	Moriyama, Masahiro
10866836	Not Issued	25	06/15/2004	Light-Controlling Element And Method For Manufacturing The Same	Moriyama, Masahiro
11127422	Not Issued	41	05/12/2005	Optical Materials And Optical Elements Using The Same	Moriyama, Masahiro
29060609	D384982	150	10/02/1996	Game Cabinet	Moriyama, Masahiro
29148975	D465243	150	09/28/2001	Game Machine	Moriyama, Masahiro
07151601	4929693	150	02/02/1988	Photochromic Compound	Akashi, Ryojiro
07465237	5079093	150	06/04/1990	Easily-Slippery Medical Materials And A Method For Preparation Thereof	Akashi, Ryojiro
07495599	Not Issued	166	03/19/1990	Photochromic Compound	Akashi, Ryojiro
07670319	Not Issued	166	03/15/1991	Phase Separation Liquid Crystal Polymer	Akashi, Ryojiro
07670762	5155607	150	03/15/1991	Optical Modulation Display Device And Display Method Using The Same	Akashi, Ryojiro
07742079	5166345	150	08/07/1991	Photochromic Compound	Akashi, Ryojiro
07856699	Not Issued	166	03/24/1992	Liquid Crystal-Polymer Composite Film	Akashi, Ryojiro
07961637	Not Issued	166	10/16/1992	Erasable Display Medium	Akashi, Ryojiro
07981866	5644416	150	11/25/1992	Light Modulation Device And Method Of Light Modulation Using The Same	Akashi, Ryojiro
07987991	5354498	250	12/09/1992	Phase Separation Liquid Crystal Polymer	Akashi, Ryojiro
08151193	5498450	150	11/12/1993	Liquid Crystal-Polymer Composite Film, Electro-Optical Element Using The Same, And Process For Producing Electro-Optical Element	Akashi, Ryojiro
08197460	Not Issued	166	02/16/1994	Erasable Display Medium	Akashi, Ryojiro
08262910	5589237	150	06/21/1994	Reversible Display Medium	Akashi, Ryojiro
08347161	5558813	150	11/23/1994	Liquid Crystal-Polymer Composite Film	Akashi, Ryojiro
08391179	5670083	150	02/21/1995	Optical Element And Process For Producing The Same	Akashi, Ryojiro
08411201	5707543	150	03/27/1995	Reversible Display Medium	Akashi, Ryojiro
08457309	5620781	150	06/01/1995	Erasable Display Medium	Akashi, Ryojiro
08543473	5654046	150	10/16/1995	Optical Element	Akashi, Ryojiro
08545157	5691092	250	10/19/1995	Method For Producing Optical Element	Akashi, Ryojiro
08560302	5671211	150	11/17/1995	Data Recording Medium	Akashi, Ryojiro
08573522	5679414	150	12/15/1995	Liquid Crystal-Polymer Composite Film, Electro-Optical Element Using The Same, And Process For Producing Electro-Optical Element	Akashi, Ryojiro
08719076	5891357	150	09/24/1996	Optical Element And Method Of Manufacturing The Same, And Macromolecular Liquid Crystal For An Optical Element	Akashi, Ryojiro
09058357	6579596	150	04/10/1998	Composite Material And Process For Production Thereof	Akashi, Ryojiro
09207921	6287485	150	12/09/1998	Volume-Modulation Coloration Producing Material, Volume-Modulation Coloration Producing Composition, And Optical Element And Method For Optical Modulation Using The Composition	Akashi, Ryojiro
09318126	6295167	150	05/25/1999	Optical Material And Optical Device	Akashi, Ryojiro
09576547	6268092	150	05/24/2000	Color Filter, Display Element, Display Method And Display Device	Akashi, Ryojiro
09722724	6414052	150	11/28/2000	Polymeric Particles And Production Method Thereof	Akashi, Ryojiro
09799525	6785035	150	03/07/2001	Optical Element, Optical Element Composition And Method For Controlling Stimuli-Responsive Polymer Gel	Akashi, Ryojiro
09966079	6780647	150	10/01/2001	Sensor Material, Sensor And Detection Method For Bio-Substance	Akashi, Ryojiro
10095481	Not Issued	161	03/13/2002	Polymer Gel Composition And Optical Element Using The Same	Akashi, Ryojiro
10623539	Not Issued	161	07/22/2003	Polymer Gel Composition, And Optical Device, Resin Composition And Optical Film Using The Polymer Gel Composition	Akashi, Ryojiro
10658758	Not Issued	161	09/10/2003	Polymer Gel Composition And Optical Element Using The Same	Akashi, Ryojiro
10752698	6850356	150	01/08/2004	Optical Element And Method For Producing The Optical Element	Akashi, Ryojiro
10805341	Not Issued	71	03/22/2004	Polymer Gel Composition And Optical Device Using The Same	Akashi, Ryojiro
10866836	Not Issued	25	06/15/2004	Light-Controlling Element And Method For Manufacturing The Same	Akashi, Ryojiro
11127422	Not Issued	41	05/12/2005	Optical Materials And Optical Elements Using The Same	Akashi, Ryojiro
11280125	Not Issued	25	11/16/2005	Optical Composition For Multi-Color Display And Manufacturing Method Thereof, And Optical Element And Displaying Method Thereof	Akashi, Ryojiro

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11438250	Not Issued	30	05/22/2006	Multicolor Display Optical Composition, Optical Device, And Display Method Of Optical Device	Akashi, Ryojiro
11446379	Not Issued	25	06/01/2006	Composition For Multi-Color Display Material And Manufacturing Method Thereof, And Optical Device And Displaying Method Thereof	Akashi, Ryojiro
11594058	Not Issued	30	11/08/2006	Microchannel Device	Akashi, Ryojiro
11598798	Not Issued	25	11/14/2006	Microreactor Device And Microchannel Cleaning Method	Akashi, Ryojiro

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20040188661".pn.	US-PGPUB; USPAT	OR	ON	2006/06/14 06:12
S2	359	252/583.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 06:11
S3	4	("6295167" "6414052" "6579596" "6785035").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 06:56
S4	1	("20040121017").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 07:20
S5	4	("20040188661" "6287485" "4891119" "20030012934").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 07:21
S6	6	(US-20040121017-\$ or US-20030012934-\$).did. or (US-6785035-\$ or US-6295167-\$ or US-4891119-\$ or US-6287485-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/21 09:47
S7	361	252/583.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:29
S8	6	(US-20040121017-\$ or US-20030012934-\$).did. or (US-6287485-\$ or US-6785035-\$ or US-6295167-\$ or US-4891119-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/31 14:39
S9	905004	soluble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:40
S10	2	S8 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:47

## EAST Search History

S11	365	252/583.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:25
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